

Writing and Evaluating Algebraic Expressions

Part I Writing Algebraic Expressions (Lesson 3-3)

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| Example: Five less than the product of 3 and a number $3x - 5$ | 1. Three more than the product of 2 and a number |
| 2. Three less than the product of 2 and a number x | 3. Four more than the quotient of 18 and a number |
| 4. 5 times the sum of 12 and y | 5. 4 times the difference of 15 and p |

Part II Evaluating Algebraic Expressions (Lesson 3-2). Rewrite each expression substituting the given value for the variable. Then, evaluate each expression (remember to use the correct order of operations).

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| 6. $3r - 2$ for $r = 65$ | 16. $18 - 3y$ for $y = 2.5$ |
| 17. $2ab$ for $a = 3$ and $b = 12$ | 18. $11v - 6t$ for $v = 5$ and $t = 4$ |